


INFORMATION DISCLOSURE CITATION
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Atty. Docket No. 4995.0044 =01				Serial No. Div. of 09/281,274			
Applicant Anthony T. Maurelli et al.							
Filing Date January 3, 2002				Group 1614			
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
		5,502,055	03/26/96	Wang			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
	✓	FR 3,795	12/27/65	France			
	○	WO 85/03521	08/15/85	PCT			
	✓	0 279 273 A2	08/24/88	EPO			
	✓	WO 95/15396	06/08/95	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
dela Vega, Ana L. and Delcour, Anne H., "Cadaverine induces closing of <i>E. coli</i> porins," <i>The EMBO Journal</i> , Vol. 14(23), 1995, pp. 6058-65.							
English abstract no. 07602005 for European Patent Office Patent No. 0 279 273 A2.							
Flachmann, R.; Kunz, N.; Seifert, J.; Gutlich, M.; Wientjes, F. J.; Laufer, A.; and Gassen, H.G., "Molecular biology of pyridine nucleotide biosynthesis in <i>Escherichia coli</i> . Cloning and characterization of quinolinate synthesis genes nadA and nadB," <i>Eur J. Biochem</i> , Vol. 175, No. 2, August 1, 1998, pp. 221-8.							
Formal, Samuel B.; Hale, Thomas L.; and Kapfer, Christine; "Shigella Vaccines," <i>Reviews of Infectious Diseases</i> , Vol. 11, Supplement 3, May-June 1989, pp. S547-S551.							
Formal, Samuel B.; Kent, T. H.; May, H. C.; Palmer, A.; Falkow, S.; and LaBrec, E. H., "Protection of Monkeys Against Experimental Shigellosis with a Living Attenuated Oral Polyvalent Dysentery Vaccine," <i>Journal of Bacteriology</i> , Vol. 92, No. 1, July 1966, pp. 17-22.							
Formal, S.B.; LaBrec, E.H.; Hornick, R. B.; DuPont, H. L.; and Snyder, M. J., "Attenuation of Strains of Dysentery Bacilli," <i>International Symposium on Enterobacterial Vaccines, Berne 1968, Symp. Series Immunobiol. Standard</i> , Vol. 15, 1971, pp. 73-78.							
Examiner				Date Considered			
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
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		McCormick, Beth A.; Fernandez, Isabel M.; Siber, Andrew M.; and Maurelli, Anthony T., "Inhibition of <i>Shigella flexneri</i> -induced transepithelial migration of polymorphonuclear leucocytes by cadaverine," <i>Cellular Microbiology</i> , Vol. 1, No. 2, pp. 143-155 (1999).					
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	Maurelli, Anthony T.; Fernández, Reinaldo E.; Bloch, Craig A.; Rode, Christopher K.; and Fasano, Alessio, "'Black holes' and bacterial pathogenicity: A large genomic deletion that enhances the virulence of <i>Shigella</i> spp. and enteroinvasive <i>Escherichia coli</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 95, March 1998, pp. 3943-3948.						
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/	Hacker, J.; Blum-Oehler, G.; Mühlendorfer, I.; and Tschäpe, "Pathogenicity islands of virulent bacteria: structure, function and impact on microbial evolution," <i>Molecular Microbiology</i> , Vol. 23, No. 6, 1997, pp. 1089-1097.						
	International Search Report dated October 6, 1999.						
/	Iyer, Ramkumar and Delcour, Anne H., "Complex Inhibition of OmpF and OmpC Bacterial Porins by Polyamines," <i>Journal of Biological Chemistry</i> , Vol. 272, No. 30, July 25, 1997, pp. 18595-18601.						
	Keusch, Gerald T. and Jacewicz, "Primary Amines and Chloroquine Inhibit Cytotoxic Responses to Shigella Toxin and Permit Late Antibody Rescue of Toxin Treated Cells," <i>Biochemical and Biophysical Research Communications</i> , Vol. 121, No. 1, 1984, pp. 69-76.						
	Leach, Jan E. and White, Frank F., "Bacterial Avirulence Genes," <i>Annu. Rev. of Phytopathol.</i> , Vol. 34, 1996, pp. 153-179.						
	Nakata, N.; Tobe, T.; Fukuda, J.; Suzuki, T.; Komatsu, K.; Yoshikawa, M.; and Sasakawa, C., "The absence of a surface protease, OmpT, determines the intercellular spreading ability of <i>Shigella</i> ; the relationship between the <i>ompT</i> and <i>kcpA</i> loci," <i>Molecular Microbiology</i> , Vol. 9, No. 3, 1993, pp. 459-468.						
	Sansonetti, Philippe J.; Hale, Thomas L.; Dammin, Gustave J.; Kapfer, Christine; Collins, Jr., Hugh H.; and Formal, Samuel B., "Alterations in the Pathogenicity of <i>Escherichia coli</i> K-12 After Transfer of Plasmid and Chromosomal Genes from <i>Shigella flexneri</i> ," <i>Infection and Immunity</i> , Vol. 39, No. 3, March 1983, pp. 1392-1402.						
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